

[illegible]

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QY      TITLE OF INVENTION: USPA AND USP22 ANTIBODS OF MOXAELLA CATERHILLS
DB      CURRENT APPLICATION NUMBER: US/09/336,447A
QY      CURRENT FILING DATE: 1999-06-21
DB      NUMBER OF SEQ ID NOS: 98
QY      SEQ ID NOS: Patent Ver. 2.1
DB      LENGTH: 889
QY      TYPE: PER MOXAELLA CATERHILLS
DB      US-09-336-447A-15

Query Match: 27.2%, Score 166, DB 4, Length 889,
Sequence Similarity: 27.2%, Score 166, DB 4, Length 889,
Matches 40, Conservative 14, Mismatches 37, Indels 24, Gaps 3

QY      5 NTGSSGATVSSSSKVLAKNNWYVTSNOMNSVSSNNVSSNNQNTGNSVSG-7 62
DB      226 NAAEESGATVSSSSKVLAKNNWYVTSNOMNSVSSNNVSSNNQNTGNSVSG 285
QY      63 NALTYDNNVNSQDNVSGSGPTVSGCH-117S-GSNT 100
DB      286 NAAEDSVSGAGGQDNQDILCTVSGVSTGNTGNSGPAAGDNNALNNALNNNT 345
QY      101 VSGSSNNVSSNNV 115
DB      346 IEDNSVAGSNNV 360

RESULT 5
US-09-336-447A-13
Sequence 13, Application US/09336447A
GENERAL INFORMATION:
APPLICANT: HANSEN, ERIC J.
APPLICANT: ASST. CHRISTOPH
APPLICANT: MAYER, ISOBEL
APPLICANT: FISHER, MICHAEL J.
APPLICANT: FISHER, MICHAEL J.
TITLE OF INVENTION: USPA AND USP22 ANTIBODS OF MOXAELLA CATERHILLS
FILE REFERENCE: AWC: 024
CURRENT APPLICATION NUMBER: 05/09336447A
NUMBER OF SEQ ID NOS: 98
SOFTWARE: Patent Ver. 2.1
SEQ ID NO 13
SEQ ID NO 13
TYPE: PER
ORGANISM: MOXAELLA CATERHILLS
US-09-336-447A-13

Query Match: 24.7%, Score 150.5, DB 4, Length 873,
Best Local Similarity: 26.7%, Pval: No. 2,36-065
Matches 40, Conservative 24, Mismatches 47, Indels 39, Gaps 5

QY      5 NTGSSGATVSSSSKVLAKNNWYVTSNOMNSVSSNNVSSNNQNTGNSVSG-7 62
DB      114 NAAEESGATVSSSSKVLAKNNWYVTSNOMNSVSSNNVSSNNQNTGNSVSG-7 62
QY      63 NALTYDNNVNSQDNVSGSGPTVSGCH-117S-GSNT 100
DB      174 NAAEDSVSGAGGQDNQDILCTVSGVSTGNTGNSGPAAGDNNALNNALNNNT 233
QY      91 -EDVYV-GSNTVSGSGPTVSGCH-115
DB      234 GANNNTVYVAGNNNTGNSVSSNNV 263

RESULT 6
US-09-336-447A-13
Sequence 13, Application US/09336447A
Patent No. 6310150

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QY 59 VAS02HYT-----TNNVNSGONVSSPTYSCHWYSSNVSNNV 106
 DB 456 VAAASVYTKSTINATKMTKOTKEINVSNSGVN-ITASCHLWNS-1 512
 QY 109 SGNVYT 116
 DB 513 TCMVYTF 500
 RESULT 13
 US-09-206-942-37
 Sequence 37: Application US/09206942
 Patent No. 6432859
 APPLICANT: Locomote, Sheena M.
 APPLICANT: Kiehl, Michael R.
 TITLE OF INVENTION: Live Recombinant Hemophilus Influenzae High
 FILE REFERENCE: 1038-861 M2:5D
 CURRENT FILING DATE: 1998-11-07
 BAILLER APPLICATION NUMBER: 09/257,568
 NUMBER OF SEQ: 109
 SOFTWARE: Patent1 Ver. 2.1
 SEQ ID NO 3122
 TYPE: PRG
 OS-09-206-942-37
 OMNIWIN: Hemophilus Influenzae
 Query Match 18.0%; Score 110; DB 4; Length 1222;
 Best Local Similarity 28.9%; Pred No. 0.024; 53; Indels 18; Gaps 5;
 Matches 37; Conservative 20; Mismatches 53;
 QY 2 EOPWISSNVSSESSVLANINVSYSNVSNNVSG--NNVYSSNV 58
 DB 705 EWTYTKSTINATKMTKOTKEINVSNSGVN-ITASCHLWNS-1 752
 QY 59 VAS02HYT-----TNNVNSGONVSSPTYSCHWYSSNVSNNV 108
 DB 763 VAAASVYTKSTINATKMTKOTKEINVSNSGVN-ITASCHLWNS-1 819
 QY 109 SGNVYT 116
 DB 820 TCMVYTF 827
 RESULT 13
 US-09-206-942-34
 Sequence 34: Application US/09206942
 Patent No. 6432859
 APPLICANT: Locomote, Sheena M.
 APPLICANT: Kiehl, Michael R.
 TITLE OF INVENTION: Protective Recombinant Hemophilus Influenzae High
 FILE REFERENCE: 1038-861 M2:5D
 CURRENT FILING DATE: 1998-11-07
 BAILLER APPLICATION NUMBER: US/09/206 942
 NUMBER OF SEQ: 109
 SOFTWARE: Patent1 Ver. 2.1
 SEQ ID NO 34
 TYPE: PRG
 OS-09-206-942-34
 OMNIWIN: Hemophilus Influenzae
 Query Match 18.0%; Score 110; DB 4; Length 1228;

Best Local Similarity 28.9%; Pred No. 0.024;
 Matches 37; Conservative 20; Mismatches 53; Indels 18; Gaps 5;
 QY 2 EOPWISSNVSSESSVLANINVSYSNVSNNVSG--NNVYSSNV 58
 DB 711 EWTYTKSTINATKMTKOTKEINVSNSGVN-ITASCHLWNS-1 768
 QY 59 VAS02HYT-----TNNVNSGONVSSPTYSCHWYSSNVSNNV 106
 DB 769 VAAASVYTKSTINATKMTKOTKEINVSNSGVN-ITASCHLWNS-1 825
 QY 109 SGNVYT 116
 DB 826 TCMVYTF 833
 RESULT 14
 US-09-728-470-9
 Sequence 9: Application US/08728470
 Patent No. 5928851
 APPLICANT: Batacamp, Stephen J
 TITLE OF INVENTION: High Molecular Weight Surface Proteins
 FILE REFERENCE: US/08/000,000
 CORRESPONDENCE ADDRESS:
 ADDRESSES: Spokane and Marette Ltd
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 STATE: VIRGINIA
 ZIP: 22202-0286
 COMPUTER READER FORM: 444;
 OPERATING SYSTEM: PC-DOS/MS-DOS
 SOFTWARE: Patent1 Release 41.0, Version 41.30
 CURRENT FILING DATE: 08/728,470
 APPLICATION NUMBER: US/08/728,470
 PRIOR APPLICATION NUMBER: 08/424
 FILING DATE: 16-MAR-1993
 APPLICATION NUMBER: US 08/702,832
 PRIOR FILING DATE: 16-MAR-1993
 APPLICATION NUMBER: US PCT/US93/02166
 FILING DATE: 16-MAR-1993
 PRIOR APPLICATION NUMBER: GB 9205704.1
 FILING DATE: 16-MAR-1992
 NUMBER/NAME/LOCUS/CLASS/ENTRY N
 REGISTRATION NUMBER: 22,651
 REFERENCE/COCKET NUMBER: 1018-633
 TELEPHONE: (703) 415-0810
 TELEFAX: (703) 415-0813
 INVENTOR CHARACTERISTICS: 5;
 LENGTH: 1338 amino acids
 TYPE: amino acid
 TOPOLOGY: linear
 US-08-728-470-9
 Query Match 17.9%; Score 109; DB 2; Length 1382;
 Best Local Similarity 26.8%; Pred No. 0.033;
 Matches 30; Conservative 24; Mismatches 46; Indels 12; Gaps 5;
 QY 8 SGNVYSSNVSNNVLANINVSYSNVSNNVSG--NNVYSSNV 64
 DB 881 NNNVYTKSTINATKMTKOTKEINVSNSGVN-ITASCHLWNS-1 939

